

What is claimed is:

- 1        1. In an electronic camera that includes an optical system for forming an image of an object, and
- 2            an electronic image pick-up device for capturing image information by arranging multiple
- 3            detecting elements on an image pick-up surface, the improvement of:
- 4                  having said image pick-up surface be non-planar and correspond in shape to the curvature
- 5                  of field of said optical system.

- 1        2. The electronic camera described in Claim 1, wherein said image pick-up surface has a radius  
2                  of curvature which satisfies the following condition:

$$|R| < 20 f$$

where

R is the radius of curvature of the image pick-up surface, and

f is the focal length of the optical system.